

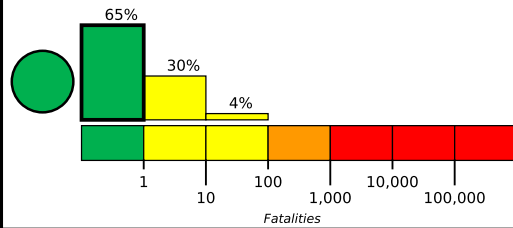
M 4.8, 8 km W of Petrinja, Croatia

Origin Time: 2020-12-28 05:28:07 UTC (Mon 06:28:07 local)

Location: 45.4413° N 16.1877° E Depth: 10.0 km

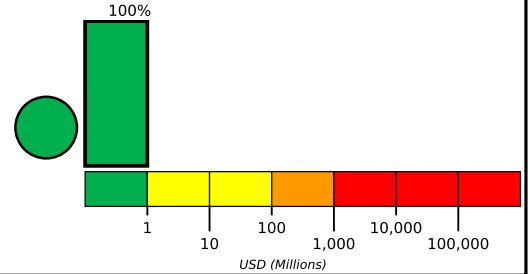
Created: 3 weeks, 4 days after earthquake

Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

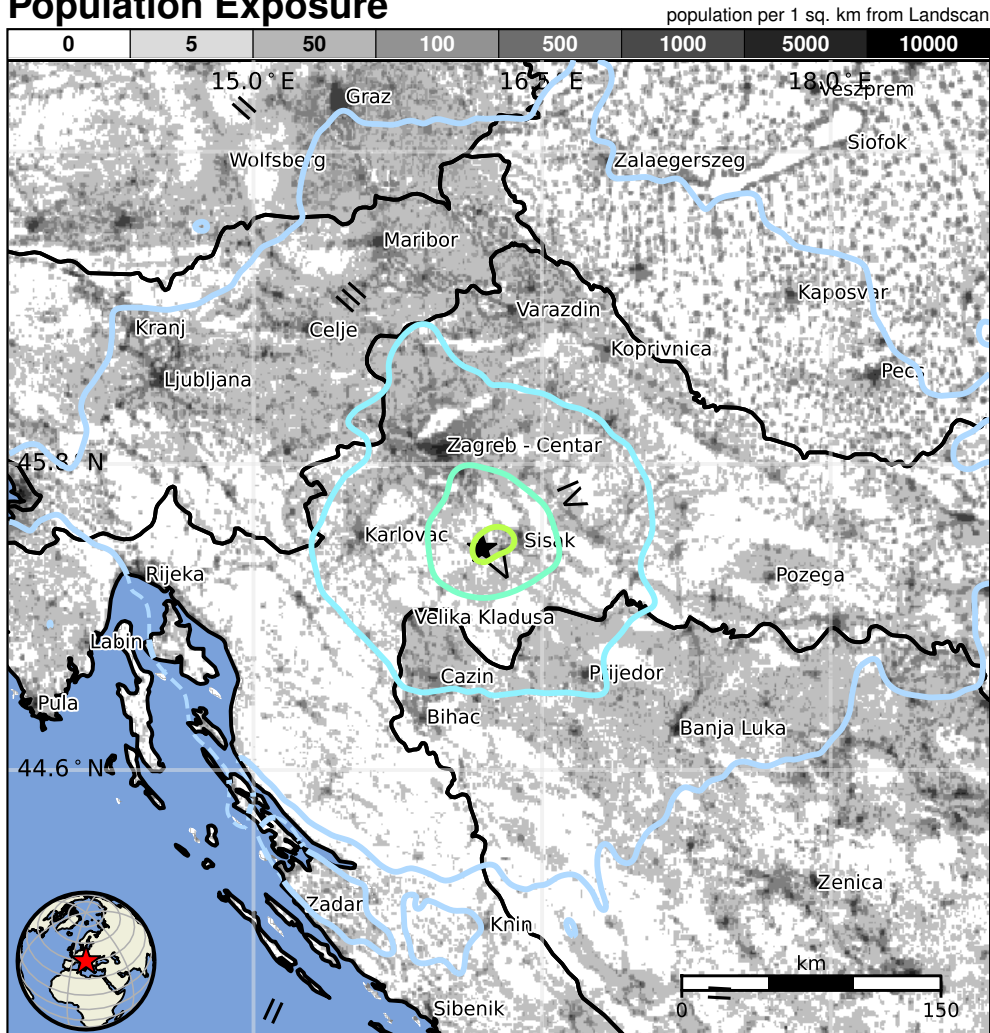


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	10,018k	1,766k	130k	25k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are rubble/field stone with mud and unreinforced brick with mud and timber post construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1976-09-11	253	5.5	VI(54k)	5
1979-09-19	389	5.8	VI(19k)	5
1976-05-06	248	6.5	IX(55k)	965

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Petrinja	14k
V	Sisak	36k
V	Budasevo	2k
V	Lekenik	2k
V	Glina	3k
V	Pokupsko	<1k
IV	Zagreb	699k
III	Ljubljana	272k
III	Banja Luka	221k
II	Graz	222k
II	Sarajevo	697k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000d3kv#pager>

Event ID: us6000d3kv